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## Scientific Intelligence Weekly Review

12 June 1978

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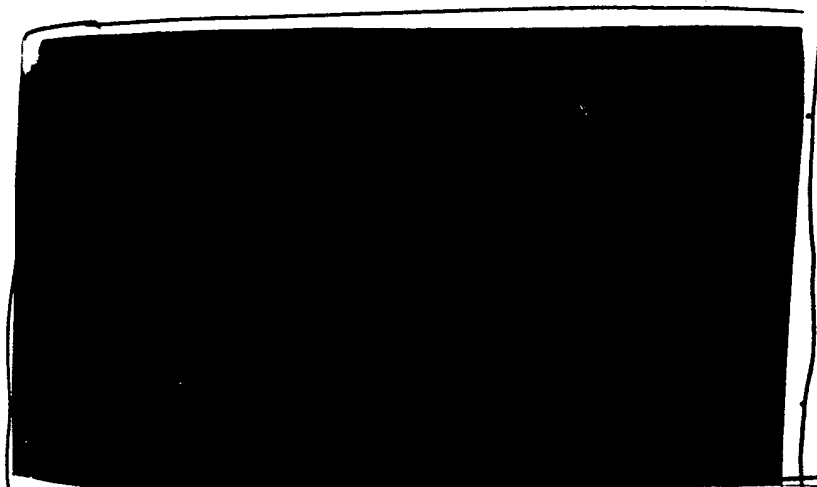
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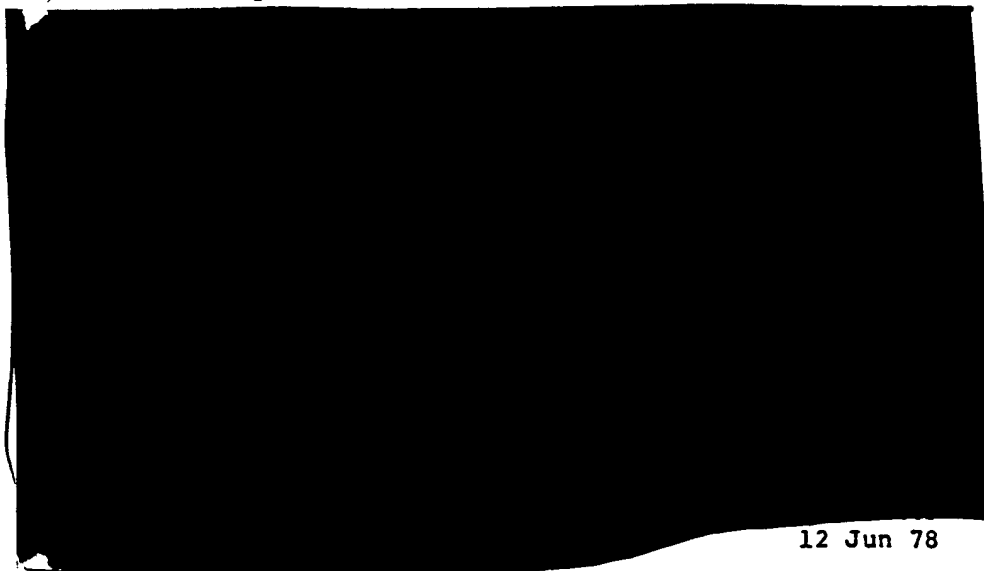


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India: Update on Nuclear Power Program. . . . . 4

Construction has started on  
India's fourth nuclear power  
station at Narora; plans for  
a fifth station were announced  
recently.



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India: Update on Nuclear Power Program

*India is continuing to expand its nuclear power program.*

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*The Narora station is to have two 235-MWe units which will be Indian-built, modified designs of the CANDU-type power reactors at their Rajasthan station.*

India has three operating power reactors--the two US-supplied units at Tarapur and the first unit at Rajasthan which was built with Canadian assistance. The second Rajasthan unit was delayed when Canadian aid ceased after the Indian nuclear test in 1974, but it probably will come on line in late 1978 or early 1979. Construction is nearing completion on two 235-MWe units at Kalpakkam, near Madras. These reactors, the first to be built totally by India, are scheduled to become critical in 1979 and 1980, some eight years after construction commenced.

The two units of the Narora station are scheduled for criticality in 1982 and 1983. But based on the construction history of the Madras reactors, which also were modeled after the heavy-water-moderated, natural-uranium-fueled CANDUs, these new units under construction probably will not be operational within the time frame estimated by the Indian Government. The Department of Atomic Energy's budget for 1978-79 also included a token provision for a fifth nuclear power station. Although its location was not disclosed, it most likely will be sited in India's power-short Southern Electricity Region--the states of Andhra Pradesh, Kerala, Karnataka, and Tamil Nadu.

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Sources: Nuclear Engineering International, Apr 78, U  
Attachment to [REDACTED]